

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number  
**WO 2004/112689 A3**

(51) International Patent Classification<sup>7</sup>: A61N 1/30

(74) Agent: WEBB, Cynthia; Webb & Associates, P.O. Box 2189, 76121 Rehovot (IL).

(21) International Application Number:

PCT/IL2004/000561

(22) International Filing Date: 23 June 2004 (23.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/480,229 23 June 2003 (23.06.2003) US

(71) Applicant (for all designated States except US):  
TRANSPHARMA MEDICAL LTD. [IL/IL]; 2 Yodfat Street, Northern Industrial Zone, 71291 Lod (IL).

(72) Inventors; and

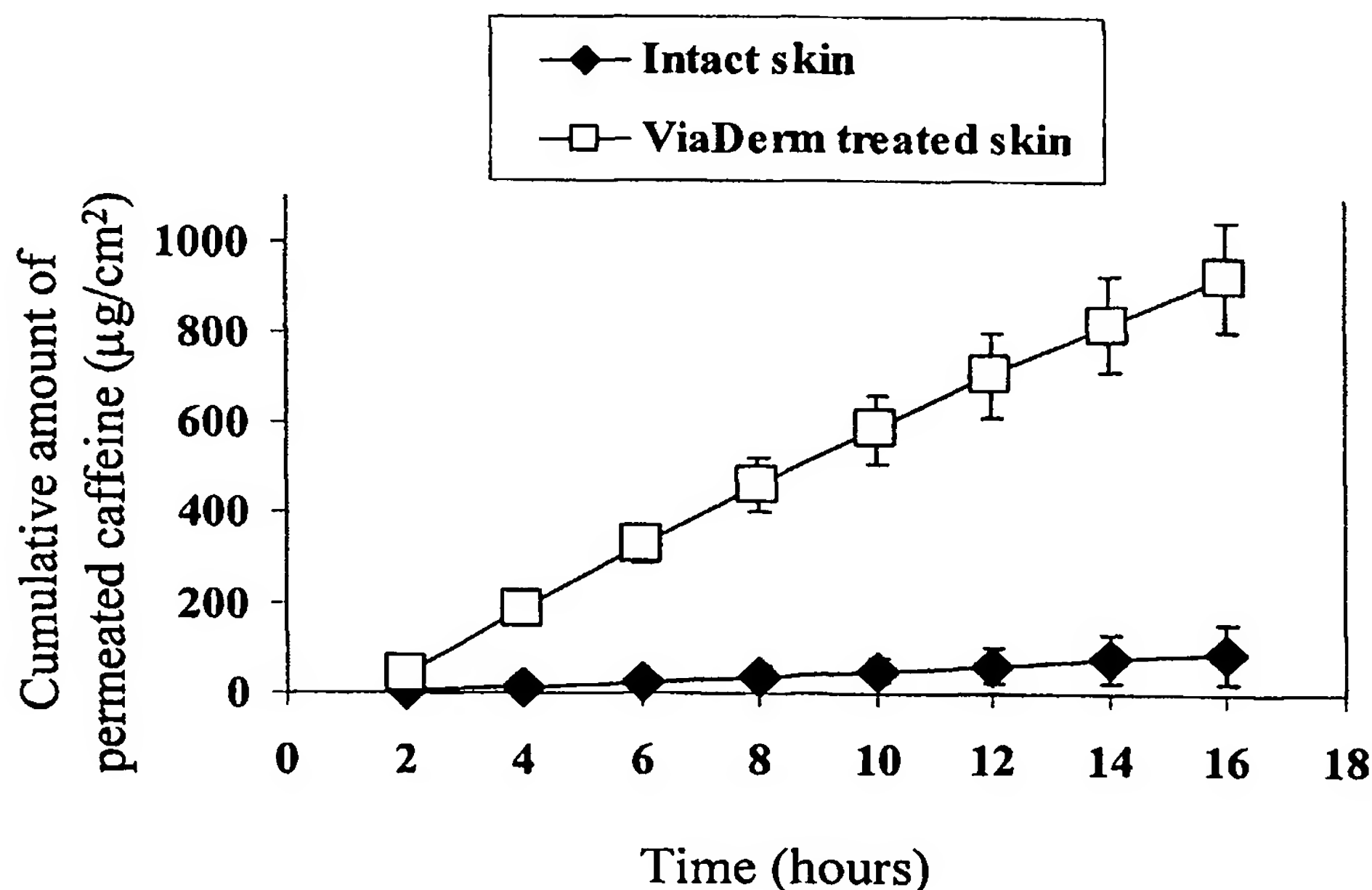
(75) Inventors/Applicants (for US only): LEVIN, Galit [IL/IL]; 15 Haegoz Street, 42954 Nordiya (IL). SACKS, Hagit [IL/IL]; 13 Sderot Yitzhak Rabin, 71700 Modi'in (IL). RUDAEV, Sergey [IL/IL]; 79/13 Derech Hatsionut, 44837 Ariel (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: TRANSDERMAL DELIVERY SYSTEM FOR COSMETIC AGENTS



(57) Abstract: The present invention relates to an intradermal or transdermal delivery system for cosmetic agents. In particular, the invention relates to an intradermal or transdermal delivery system for topical administration of cosmetic agents, particularly water-soluble, poorly water-soluble, or water-insoluble cosmetic agents, in conjunction with an apparatus that generates micro-channels in the skin of a subject. The intradermal or transdermal delivery system is useful in treating skin conditions such as cellulite, hyperpigmentation, skin aging, and acne.



**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

**(88) Date of publication of the international search report:**  
12 May 2005

**(15) Information about Correction:**

**Previous Correction:**

see PCT Gazette No. 08/2005 of 24 February 2005, Section II

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*